



# DATA SHEET

**Uncoated Metallized Polyethelene Naphthalate Film Capacitor Stacked Type**

**Serie: I19011**

Code / Range **273= 0,027 $\mu$ f**

Code / Volt **102= 1000VDC**

Width **11,5 mm**

Height **8,0 mm**

Thickness **5,8 mm**

Pitch **10,0 mm**

<b>Uncoated Metallized Polyethelene Naphthalate Film Capacitor Stacked Type</b>	
Serie No.:	<b>I19011</b>

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.06.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

Customer:

# EDCON-COMPONENTS



## Features

High pulse strength  
 High reliability  
 Operating temperature: -55°C ~ +150°C

## Applications

Widely used in high-power CFL and electrical lighting (i.e, Automotive HID-Lamps)  
 DC impulse and pulse circuits ( High temperature condition)

## Specifications

Reference Standard	Q/ 052-2008				
Climatic Category	55/150/56				
Rated Temperature	125°C				
Operating Temperature Range	-55°C ~ +150°C (+125°C to +150°C ; decreasing factor 1,25% per °C for V <sub>R</sub> (dc))				
Rated Voltage	250, 400, 630, 1000Volt				
Capacitance Range	0,0010 ~ 0,22µF				
Voltage Proof (Between Terminals)	1.40U <sub>R</sub> (2s)				
Capacitance Tolerance	J=5% , K=10% , M=20%				
Dissipation Factor	≤ 0,0080 (20°C, 1KHz) ≤ 0,0150 (20°C, 10KHz)				
Insulation Resistance	≥ 10GΩ (20°C, 100V , 1min )				
Maximum Pulse Rise Time dV/dt (V/s)	UR /P(mm)	250V	400V	630V	1000V
	5,0	250	300	2000	3000
	7,5	200	275	1600	2000
	10,0	150	175	1000	1500

## Dimensions



## Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
<b>A</b>	11,5	8,0	5,8	10,0
C ±0,5 (mm)				
Standard Length 18~22mm (Size by Size)				
Short Lead 4,5mm				

d ±0,05 (mm)

d= 0,6mm

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## Ordering Informations

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length (C)	ROHS	Packing Code	
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<b>I19011</b>	-	<b>273</b>	<b>M</b>	<b>102</b>	<b>A</b>	<b>4</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>
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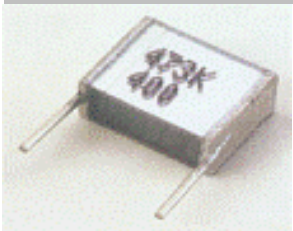
<b>273=</b> 0,027µf	<b>M=</b> 20% Standard <b>K=</b> 10% <b>J=</b> 5%	<b>102=</b> 1000VDC	<b>A=</b> look Case Dimension	<b>4=</b> 10,0mm	<b>N=</b> No function	<b>LL=</b> Long Lead (Standard) <b>45=</b> Lead Length 4,5mm	<b>R=</b> ROHS Conform <b>N=</b> NON ROHS Conform	<b>BU=</b> Bulk Ware <b>TB=</b> Tape Box <b>IV=</b> Individual Package
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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



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